U.S. Patent and Tradement Office; U.S. DEPARTMENT OF COMMERCE Under the Paperson Reduction Act of 1995, no persons are required to respond to a collection of information unless & displays givelid CMB control number. 101788600 PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004 Substitute for Form PTO-678 APPLICATION AS FILED - PART I OTHER THAN OR SMALL ENTITY . SMALL ENTITY (Column 2) (Column 1) NUMBER EXTRA NUMBER FILEO RATE (\$) FEE (S) RATE (6) FEE (t) FOR 150.00 N/A MI NIÀ 300.00 (37 CFR 1.18(a), (b), or (c)) SEARCH FEE N/A. ŃΑ \$250 NA \$500 (37 CFR 1 18(1), (4, or (ml) EXAMINATION FEE NIA NIA \$100 MA \$200 MA (27 CFR 1.16(q. (p), or (q)) TOTAL CLAIMS X\$ 25 X\$50 minui 20 * OR 07 OFR 1.16(1) INDEPENDENT CLAIMS X100 . . X200 minua 3 = . (27 OFR 1.16(N) If the specification and drawings exceed 100 sheets of paper, the application size fee due APPLICATION SIZE is \$250 (\$125 for small entity) for each 07 CFR 1,16(a) additional 50 sheets or traction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). +360= +180= MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.160)) TOTAL " If the difference in column 1 is less than zero, enter "0" in column 2. TOTAL APPLICATION AS AMENDED - PART II OTHER THAN OR (Column 2) SMALL ENTITY (Column 3) SMALL ENTITY -IIGHEST NUMBER PRESENT. REMAINING RATE (\$) RATE (1) ADDI-ADDI-PREVIOUSLY EXTRA TIONAL TIONAL AFTER FEE (5) FEE (S) Minus Total X**3** 25 X\$50 OF OFR LINE OR Minus X100 X200 AT CER L MAN OR Application Size Fee (37 CFR 1.16(s)) +360= +180= FIRST PRESENTATION OF MILITIPLE DEPENDENT CLAIM (N7 CFR 1.16B) OR TOTAL TOTAL ADO'L FEE OR ADD'L FEE (Column 2) CLABIS HIGHEST PRESENT RATE (5) REMANSIA NUMBER ADOI-RAJE (\$) 0 EXTRA TIONAL FEE (3) AFTER **PREVIOUSLY** TIONAL WENDMENT FEE (S) PAID FOR Total (17 CFR 1.18(8) Minus X\$ 25 X\$50 OR 西面 Endependent GT OFR 1.18(h)) X100 X200-Application Size Fee (37 CFR 1.16(s)) +180= +360= FIRST PRESENTATION OF MATIPLE DEPENDENT CLAIM (37 CFR 1.100) OR TOTAL TOTAL OR ADD'L FEE ADD'L FEE * If the entry in column 1 is less than the entry in column 2, write "V" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The Highest Number Previously Paid For' (Total or independent) is the highest number found in the appropriate box in octumn 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or rothin a benefit by the public which is to file (and by the USPTO to precess) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is assimisted to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Peterd and Tradement Office, U.S. Department of Convincerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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